

Nur für Forschungszwecke

# CD13 Monoklonaler Antikörper

Katalog-Nr.: FITC-65186



## Allgemeine Informationen

**Katalog-Nr.:**

FITC-65186

**Größe:**

100tests, 5 µl/test

**Wirt:**

Maus

**Isotyp:**

IgG1, kappa

**GenBank-Zugangsnummer:**

BC058928

**GeneID (NCBI):**

290

**Vollständiger Name:**

alanyl (membrane) aminopeptidase

**Berechnete Masse:**

110 kDa

**Reinigungsmethode:**

Der gereinigte Antikörper ist mit Fluoresceinisothiocyanat (FITC) unter optimalen Bedingungen konjugiert. Das Konjugat wird mit Größenausschluss-Chromatographie gereinigt.

**CloneNo.:**

WM15

**Anregungs-/Emissionsmaxima-Wellenlängen:**

495 nm / 524 nm

## Anwendungen

**Geprüfte Anwendungen:**

FC

**Getestete Reaktivität:**

Human, Nicht-Humane Primaten

## Hintergrundinformationen

CD13, also named as APN, ANPEP (aminopeptidase N) or PEPN, is a heavily glycosylated, ~150-240 kDa, type-II membrane, expressed by most cells of myeloid origin including monocytes, macrophages, granulocytes, and their hematopoietic precursors. It is also abundantly expressed in the brush border of epithelial cells from renal proximal tubules and small intestine, in prostatic epithelial cells, in bile duct canaliculi, in mast cells, and, in some cases, in fibroblasts and smooth muscle cells. CD13 is a multifunctional protein and plays varying roles in cell migration, cell proliferation, cell differentiation and so on. CD13 participates in angiogenesis generating and modulating angiogenic signals, and can be a marker of angiogenic vessels. CD13 is also a pan-myeloid marker, present on mature granulocytes and monocytes. (PMID: 8805662, 10098327, 18603472, 18097955, 17897790, 17888402, 21339174)

## Lagerung

**Lagerungsbedingungen:**

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

**Lagerungspuffer:**

PBS with 0.09% sodium azide and 0.5% BSA.

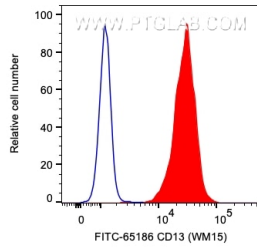
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Ausgewählte Validierungsdaten



1X10<sup>6</sup> human PBMCs were surface stained with 5 ul FITC Anti-Human CD13 (FITC-65186, Clone:WM15) (red) or unstained. Cells were not fixed. Granulocytes were gated.